AMENDMENTS TO THE CLAIMS

The following listing of claims is provided in accordance with 37 C.F.R. § 1.121.

1. (Currently Amended) A method of casing a well bore comprising: placing a casing into the well bore, the casing comprising

a sleeve,

a stress-absorbing material that is coated on the sleeve to form a casing coating, wherein the casing coating <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve, and

a collar connected to an end of the sleeve, the collar comprising the stress-absorbing material.

2-4. (Canceled)

- 5. (Currently Amended) The method of claim 1 wherein the casing coating is <u>directly</u> coated on an interior surface of the sleeve.
- 6. (Currently Amended) The method of claim 1 wherein the casing coating is <u>directly</u> coated on an exterior surface of the sleeve.
- 7. (Previously Presented) The method of claim 1 wherein the casing coating has a thickness of less than about three inches.
- 8. (Previously Presented) The method of claim 1 wherein the casing coating is applied to the sleeve by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 9. (Original) The method of claim 1 wherein the stress-absorbing material comprises a fiber, a resin, or an elastomer.

10. (Canceled)

- 11. (Previously Presented) The method of claim 1 wherein the casing collar further comprises a hollow cylindrically shaped housing.
- 12. (Withdrawn Previously Presented) The method of claim 11 wherein the stress-absorbing material is embedded within the cylindrically shaped housing.
- 13. (Previously Presented) The method of claim 11 wherein the stress-absorbing material forms a collar coating coated on a surface of the hollow cylindrically shaped housing.
 - 14. (Currently Amended) A method of casing a well bore comprising: placing a casing into the well bore, the casing comprising
 - a sleeve, and
- a casing coating comprising a stress-absorbing material, wherein the stress-absorbing material comprises fibers and <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve.
- 15. (Currently Amended) The method of claim 14 wherein the casing coating is <u>directly</u> coated on an exterior surface of the sleeve.
- 16. (Currently Amended) The method of claim 14 wherein the casing coating is <u>directly</u> coated on an interior surface of the sleeve.
- 17. (Currently Amended) The method of claim 14 wherein the casing coating has a <u>substantially consistent</u> thickness of less than about three inches <u>completely covering the circumferential area of the sleeve along the length of the sleeve</u>.
- 18. (Original) The method of claim 14 wherein the casing coating is applied to the sleeve by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 19. (Previously Presented) The method of claim 14 wherein the fibers comprise polypropylene fibers, nylon fibers, or carbons fibers.

- 20. (Original) The method of claim 14 wherein a casing collar is connected to an end of the casing.
- 21. (Previously Presented) The method of claim 20 wherein the casing collar comprises a hollow cylindrically shaped housing, and a collar coating comprising a stress-absorbing material coated on the hollow cylindrically shaped housing.
- 22. (Currently Amended) A method of reducing the transmission of stress from a casing to a cement sheath comprising:

placing the casing into a well bore that penetrates a subterranean formation, the casing comprising a sleeve, a stress-absorbing material that is coated on the sleeve to form a casing coating, and a collar connected to an end of the sleeve, the collar comprising the stress-absorbing material, wherein the casing coating <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve;

placing a cement composition into an annulus between the casing and the subterranean formation; and

allowing the cement composition to set within the annulus so as to bond the casing to a portion of the subterranean formation.

23-25. (Canceled)

- 26. (Currently Amended) The method of claim 22 wherein the casing coating is directly coated on an interior surface of the sleeve.
- 27. (Currently Amended) The method of claim 22 wherein the casing coating is <u>directly</u> coated on an exterior surface of the sleeve.
- 28. (Currently Amended) The method of claim 22 wherein the casing coating has a <u>substantially consistent</u> thickness of less than about three inches <u>and the casing coating</u> completely covers the circumferential area of the sleeve along the length of the sleeve.

- 29. (Previously Presented) The method of claim 22 wherein the casing coating is applied to the sleeve by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 30. (Original) The method of claim 22 wherein the stress-absorbing material comprises a fiber, a resin, or an elastomer.

31. (Canceled)

- 32. (Previously Presented) The method of claim 22 wherein the casing collar further comprises a hollow cylindrically shaped housing.
- 33. (Withdrawn) The method of claim 32 wherein the stress-absorbing material is embedded within the cylindrically shaped housing.
- 34. (Previously Presented) The method of claim 32 wherein the stress-absorbing material forms a collar coating coated on a surface of the hollow cylindrically shaped housing.
- 35. (Currently Amended) A method of reducing the transmission of stress from a casing to a cement sheath comprising:

placing the casing into a well bore that penetrates a subterranean formation, the casing comprising

a sleeve, and

a casing coating comprising a stress-absorbing material coated on the sleeve, wherein the stress-absorbing material comprises fibers and <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve; and

placing a cement composition into an annulus between the casing and the subterranean formation; and

allowing the cement composition to set within the annulus so as to bond the casing to a portion of the subterranean formation.

- 36. (Currently Amended) The method of claim 35 wherein the casing coating is directly coated on an exterior surface of the sleeve.
- 37. (Currently Amended) The method of claim 35 wherein the casing coating is <u>directly</u> coated on an interior surface of the sleeve.
- 38. (Currently Amended) The method of claim 35 wherein the casing coating has a <u>substantially consistent</u> thickness of less than about three inches <u>completely covering the</u> circumferential area of the sleeve along the length of the sleeve.
- 39. (Original) The method of claim 35 wherein the casing coating is applied to the casing by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 40. (Previously Presented) The method of claim 35 wherein the fibers comprise polypropylene fibers, nylon fibers, or carbons fibers.
- 41. (Original) The method of claim 35 wherein a casing collar is connected to an end of the casing.
- 42. (Original) The method of claim 41 wherein the casing collar comprises a hollow cylindrically shaped housing, and a collar coating comprising a stress-absorbing material disposed on the housing.
- 43. (Currently Amended) An improved casing comprising a sleeve, a stress-absorbing material that is coated on the sleeve to form a casing coating, and a collar connected to an end of the sleeve, the collar comprising the stress-absorbing material, wherein the casing coating <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve.

44-46. (Canceled)

- 47. (Currently Amended) The improved casing of claim 43 wherein the casing coating is directly coated on an interior surface of the sleeve.
- 48. (Currently Amended) The improved casing of claim 43 wherein the casing coating is completely coated on an exterior surface of the sleeve.
- 49. (Currently Amended) The improved casing of claim 43 wherein the casing coating has a <u>substantially consistent</u> thickness of less than about three inches <u>completely</u> covering the circumferential area of the sleeve along the <u>length of the sleeve</u>.
- 50. (Previously Presented) The improved casing of claim 43 wherein the casing coating is applied to the sleeve by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 51. (Original) The improved casing of claim 43 wherein the stress-absorbing material comprises a fiber, a resin, or an elastomer.
 - 52. (Currently Amended) An improved casing comprising:
 - a sleeve; and
- a casing coating comprising a stress-absorbing material that <u>substantially</u> covers a circumferential area of the sleeve along a length of the sleeve, wherein the stress-absorbing material comprises fibers.
- 53. (Currently Amended) The improved casing of claim 52 wherein the casing coating is <u>directly</u> coated on an interior surface of the sleeve.
- 54. (Currently Amended) The improved casing of claim 52 wherein the casing coating is <u>directly</u> coated on an exterior surface of the sleeve.
- 55. (Currently Amended) The improved casing of claim 52 wherein the casing coating has a <u>substantially consistent</u> thickness of less than about three inches <u>completely</u> covering the circumferential area of the sleeve along the length of the sleeve.

- 56. (Original) The improved casing of claim 52 wherein the casing coating is applied to the sleeve by extrusion, showering, dipping, brush coating, powder coating, or hot melting.
- 57. (Previously Presented) The improved casing of claim 52 wherein the fibers comprise polypropylene fibers, nylon fibers, or carbons fibers.
- 58. (Previously Presented) The method of claim 1 further comprising determining a high stress zone of a subterranean formation penetrated by the well bore, and wherein placing the casing into the well bore comprises placing the casing into the high stress zone.
- 59. (Previously Presented) The method of claim 14 further comprising determining a high stress zone of a subterranean formation penetrated by the well bore, and wherein placing the casing into the well bore comprises placing the casing into the high stress zone.
- 60. (Previously Presented) The method of claim 22 further comprising determining a high stress zone in the subterranean formation, and wherein placing the casing into the well bore comprises placing the casing into the high stress zone.
- 61. (Previously Presented) The method of claim 35 further comprising determining a high stress zone in the subterranean formation, and wherein placing the casing into the well bore comprises placing the casing into the high stress zone.
- 62. (New) The method of claim 1 wherein the sleeve comprises ferrous material, aluminum, or titanium.
- 63. (New) The method of claim 1 wherein the casing coating completely covers the circumferential area of the sleeve along the length of the sleeve.
- 64. (New) The method of claim 14 wherein the sleeve comprises ferrous material, aluminum, or titanium.

- 65. (New) A method of casing a well bore comprising: placing a casing into the well bore, the casing comprising:
 - a sleeve, and
- a stress absorbing material comprising fibers, wherein the stress absorbing material substantially covers a circumferential area of the sleeve along a length of the sleeve.
- 66. (New) The method of claim 65 comprising placing a cement composition into an annulus between the casing and a wall of the well bore.
- 67. (New) The method of claim 65, wherein the stress absorbing material has a substantially consistent thickness of less than about three inches completely covering the circumferential area of the sleeve along the length of the sleeve.
- 68. (New) The method of claim 65, wherein the fibers comprise polypropolene fibers, nylon fibers, or carbon fibers.
- 69. (New) The method of claim 65, wherein the sleeve comprises ferrous material, aluminum, or titanium.